L Number	Hits	Search Text	DB	Time stamp
_	51	("6475245"	USPAT;	2003/08/01 10:26
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		"5684926"	EPO; JPO	
	i	"4852170"		
		"6377916"		
	İ	"5774837"		
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		"5216747"		
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		"6018706"		
	j	"5806038"		
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		"5664051"		
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		"6064955"		
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		"5754974"		
		"5787387"		
		"6434519"	1	
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_	4 (("6475245"	USPAT;	2003/08/01 10:29
	"5195166"	US-PGPUB;	
	"5684926"	EPO; JPO	
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) and (autocorrelation or		
	auto-correlation) and (segment or block or		
	frame or interval) and (subsegment or		ļ
	sub-segment or sub-block or sub-frame or		
	sub-interval)		

	2.5	T () 11 C 4 T 5 O 4 5 11	LUCDAM.	2003/08/01 10:29
-	26	(("6475245"	USPAT;	2003/08/01 10:29
		"5195166"	US-PGPUB;	
		"5684926"	EPO; JPO	
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		"5754974"		
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		"6035271"		1
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		"5046100").pn.		
) and (autocorrelation or	l	ļ i
		auto-correlation) and (segment or block or		
		frame or interval) and pitch and		
		(threshold or level)		
-	5	("3069507" "4461024" "4561102"	USPAT	2003/08/01 10:44
		"4653098" "5353372").PN.		
-	9	("4158751" "4764966" "4771465"	USPAT	2003/08/01 10:48
		"4817155" "5007093" "5046100"		= 111, 10, 11 10.10
		"5216747" "5473727" "5630012").PN.		
_	37	5216747 (5475727) 5050012):IN:	USPAT	2003/08/01 10:50
_	0	allman.in. and speech adj synthesis	USPAT;	2003/08/01 10:50
-	ا	arrman.in. and speech adj synthesis	F .	2003/08/01 12:49
]			US-PGPUB;	į
			EPO; JPO	
-	2	xydeas.in. and speech adj synthesis	USPAT;	2003/08/01 13:36
			US-PGPUB;	
			EPO; JPO	1
-	1	4589131.pn.	USPAT;	2003/08/01 13:43
			US-PGPUB;	l l
1			EPO; JPO	
-	5	((pitch adj extraction) and	USPAT;	2003/08/01 13:45
		subframe).ti,ab,bsum.	US-PGPUB;	
			EPO; JPO	l
L				

			•	
-	5	((pitch adj extraction) and subframe).ti,ab,bsum. and (pitch and	USPAT; US-PGPUB;	2003/08/01 14:07
-	5	subframe) ("4989250" "5091946" "5495555"	EPO; JPO USPAT	2003/08/01 14:04
l _	1	"5657418" "5732389").PN. 6219636.URPN.	USPAT	2003/08/01 14:05
_	51	((voiced and unvoiced) and subframe).ti,ab,bsum. and (pitch and	USPAT; US-PGPUB; EPO; JPO	2003/08/01 14:25
_	16	subframe) ("5179594" "5253269" "5495555" "5528727" "5596676" "5621852" "5710863" "5734789" "5778334" "5799271" "5924061" "6014622" "6073092" "6098036" "6148282" "6151571").PN.	USPAT	2003/08/01 14:14
-	44	((voiced and unvoiced) and subframe).ti,ab,bsum. and (pitch and subframe) and (threshold or level)	USPAT; US-PGPUB; EPO; JPO	2004/06/21 08:55
-	0	((voiced and unvoiced) and subframe).ti,ab,bsum. and (pitch and subframe) near (threshold or level)	USPAT; US-PGPUB; EPO; JPO	2003/08/01 14:26
-	6	((voiced and unvoiced) and subframe).ti,ab,bsum. and (pitch and subframe) same(threshold or level)	USPAT; US-PGPUB; EPO; JPO	2003/08/01 14:26
-	6	(voicing adj metric) and speech and pitch	USPAT; US-PGPUB; EPO; JPO	2003/08/01 15:23
-	0	20030135374.URPN.	USPAT	2003/08/01 14:48
-	2	voting and subframe and speech and pitch	USPAT; US-PGPUB; EPO; JPO	2003/08/01 15:24
-	41	voting and (samples or subframe) and speech and pitch	USPAT; US-PGPUB; EPO; JPO	2003/08/01 15:24
-	15	voting and (samples or subframe) and speech and pitch and voiced	USPAT; US-PGPUB; EPO; JPO	2003/08/01 15:25
_	5	"5657418" "5732389").PN.	USPAT	2003/08/26 09:19
-	1	5734789.pn.	USPAT; US-PGPUB; EPO; JPO	2003/08/27 09:42
-	6	<pre>(pitch or voicing)and (emphasis or weight\$) near ((last or (most adj recent)) and (frame or sample))</pre>	USPAT; US-PGPUB; EPO; JPO	2004/01/16 08:55
_	20	(US-4589131-\$ or US-6219636-\$ or US-5630012-\$ or US-5664052-\$ or US-6470309-\$ or US-6202046-\$ or US-6249758-\$ or US-5734789-\$ or US-4486900-\$ or US-5809455-\$ or US-5216747-\$ or US-5732389-\$ or US-5495555-\$ or US-5657418-\$ or US-6418407-\$ or US-6199037-\$ or US-6035271-\$ or US-5806038-\$).did. or (US-20010000190-\$).did. or (WO-9801848-\$).did.	USPAT; US-PGPUB; EPO	2004/01/16 09:54
_	17	((US-4589131-\$ or US-6219636-\$ or US-5630012-\$ or US-5664052-\$ or US-6470309-\$ or US-6202046-\$ or US-6249758-\$ or US-5734789-\$ or US-4486900-\$ or US-5809455-\$ or US-5216747-\$ or US-5732389-\$ or US-5495555-\$ or US-5657418-\$ or US-6418407-\$ or US-6199037-\$ or US-6035271-\$ or US-5806038-\$).did. or (US-20010000190-\$).did. or (WO-9801848-\$).did.) and (weighted or emphasis)	USPAT; US-PGPUB; EPO; JPO	2004/01/16 10:06

Page 4

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<u> </u>	1	((US-4589131-\$ or US-6219636-\$ or	USPAT;	2004/01/16 10:07
		US-5630012-\$ or US-5664052-\$ or	US-PGPUB;	
		US-6470309-\$ or US-6202046-\$ or	EPO; JPO	
		US-6249758-\$ or US-5734789-\$ or		
		US-4486900-\$ or US-5809455-\$ or		
		US-5216747-\$ or US-5732389-\$ or		
	İ	US-5495555-\$ or US-5657418-\$ or		
		US-6418407-\$ or US-6199037-\$ or		
		US-6035271-\$ or US-5806038-\$).did. or	1	
		(US-20010000190-\$).did. or		
		(WO-9801848-\$).did.) and ((recent latest		
		early) near (frames samples window		
		sub-frame subframe))		
		· · ·		0004/06/01 00 55
_	0	((()	USPAT;	2004/06/21 08:55
		subframe).ti,ab,bsum. and (pitch same	US-PGPUB;	
		emphasis same subframe) and (threshold or	EPO; JPO	
		level)		
-	4		USPAT;	2004/06/21 09:00
		pitch) and (emphasis same subframe) and	US-PGPUB;	
		(threshold or level)	EPO; JPO	
 -	1	' ' '	USPAT;	2004/06/21 09:15
	}	pitch) and ((emphasis or emphasize) near	US-PGPUB;	
		(frame or window or subframe)) and	EPO; JPO	
		(threshold or level)		
-	0	(detect near ("voiced to unvoiced"))	USPAT;	2004/06/21 09:16
			US-PGPUB;	
l			EPO; JPO	
l –	l 0	(("voiced to unvoiced") near speech)	USPAT;	2004/06/21 09:16
			US-PGPUB;	
			EPO; JPO	
_	l o	(("voiced to unvoiced")or "unvoiced to	USPAT;	2004/06/21 09:17
		voiced")	US-PGPUB;] ====, 00, 21 03.1.
l		· · · ·	EPO; JPO	1
l –	300	((voiced near unvoiced)near speech)	USPAT;	2004/06/21 09:19
]	(() = = = = = = = = = = = = = = = = =	US-PGPUB;	2004/00/21 09:19
			EPO; JPO	
l _	27	((voiced near unvoiced)near speech near	USPAT;	2004/06/21 09:21
	"	transition)	US-PGPUB:	2004/00/21 09:21
		Clansicion;		1
l _	0	//wai and mann unwai and \ mann =	EPO; JPO	2004/06/21 20:22
_		((voiced near unvoiced) near speech near	USPAT;	2004/06/21 09:22
l		transition) and ((segment or subsegment or	US-PGPUB;	
		sub-segment or window or frame) near	EPO; JPO	
		(emphasize emphasis))		0004406455
	2	, ,	USPAT;	2004/06/21 09:22
		transition) and ((segment or subsegment or	US-PGPUB;	1
		sub-segment or window or frame) same	EPO; JPO	
		(emphasize emphasis))		